Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

PATENT & TRADEMARK OFFICE
MAR 15 2004

ATTY DOCKET NO.	APPLICATION NO.
03174	10/681,378
APPLICATION	
Shinji Kawai et al	
FILING DATE	GROUP
October 9, 2003	3747

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
MM	5 1 8 6 1 2 6	2/93	Tarekado et al			
	5 5 0 1 0 7 5	3/96	Spies et al			
	5 6 6 4 5 3 3	9/97	Nakayama et al			
	5 9 6 7 1 1 6	10/99	Kawashima et al			
	2002/0 0 5 6 4 7 8	5/02	Scholten et al			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES	TRANSLATION NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER	DATE CONSIDERED
M. McMAHON	11/10/04

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